

## CLAIMS

1. A method for compactly storing a word processing document comprising:  
storing a set of styles associated with said word processing document;  
5 storing a set of text information associated with said word processing document;  
storing a set of linking information that links said set of text information and said  
set of styles.

2. The method of claim 1 wherein said set of styles is divided into a first  
10 gallery and a second gallery.

3. The method of claim 2 wherein said first gallery is a set of paragraph  
styles.

15 4. The method of claim 2 wherein said second gallery is a set of text styles.

5. The method of claim 2 further comprising:  
storing said set of styles in a first record.

20 6. The method of claim 2 further comprising:  
storing said set of text information and said set of linking information in one or  
more second records.

7. The method of claim 2 wherein said step of storing said set of text  
25 information comprises:

storing one or more characters of said set of text information in a multi-byte format.

8. A word processing document compactor comprising:

5 a first storage mechanism configured to store a set of styles associated with a word processing document;

a second storage mechanism configured to store a set of text information associated with said word processing document; and

10 a third storage mechanism configured to store a set of linking information that links said set of text information and said set of styles.

9. The word processing document compactor of claim 8 wherein said set of styles is divided into a first gallery and a second gallery.

15 10. The word processing document compactor of claim 9 wherein said first gallery is a set of paragraph styles.

11. The word processing document compactor of claim 9 wherein said second gallery is a set of text styles.

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12. The word processing document compactor of claim 9 wherein said first storage mechanism is further configured to store said set of styles in a first record.

13. The word processing document compactor of claim 9 wherein said second storage mechanism and said third storage mechanism are further configured to store said set of text information and said linking information in one or more second records.

5 14. The word processing document compactor of claim 9 wherein said second storage mechanism is further configured to store one or more characters of said set of text information in a multi-byte format.

10 15. A computer program product comprising:  
a computer usable medium having computer readable program code embodied therein configured to compactly store a word processing document, said computer program product comprising:

computer readable code configured to cause a computer to store a set of styles associated with said word processing document;

15 computer readable code configured to cause a computer to store a set of text information associated with said word processing document; and

computer readable code configured to cause a computer to store a set of linking information that links said set of text information and said set of styles.

20 16. The computer program product of claim 15 wherein said set of styles is divided into a first gallery and a second gallery.

17. The computer program product of claim 16 wherein said first gallery is a set of paragraph styles.

18. The computer program product of claim 16 wherein said second gallery is a set of text styles.

19. The computer program product of claim 16 wherein said computer  
5 readable code configured to cause a computer to store said set of styles further comprises:  
computer readable code configured to cause a computer to store said set of styles  
in a first record.

10 20. The computer program product of claim 16 wherein said computer  
readable code configured to cause a computer to compactly store further comprises:  
computer readable code configured to cause a computer to store said set of text  
information and said linking information in one or more second records.

15 21. The computer program product of claim 16 wherein said computer  
readable code configured to cause a computer to store said text information further  
comprises:

computer readable code configured to cause a computer to store one or more  
characters of said set of text information in a multi-byte format.